

MEMORANDUM



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To: Project Team Members **Date:** 12/19//03
From: MWH **Reference:** 12/04/03 Bosque and Leon
 Rivers Watershed Study Team
 Meeting Notes
Subject: Team Meeting Notes

The following is a final copy of the meeting notes from the events and issues discussed during the team meeting held at BRA headquarters in Waco, Texas on December 04, 2003.

Attendees:

United States Army Corps of Engineers, Fort Worth District (USACE) – Brian Condike, Wayne Elliott
Brazos River Authority (BRA) – Kyle Headley, Trent Herchman, Doug Amburn
MWH – Ronald Hartline
The Institute of Environmental and Human Health at Texas Tech University (TIEHH) – Dr. Todd Anderson (by phone for a portion of the meeting)
Environmental Protection Agency (EPA Region 6) – No attendees
Texas Commission on Environmental Quality – No attendees
City of Waco – Tom Conry

Welcome and Housekeeping

Welcome and introduction of meeting attendees.

USACE

- Mr. Condike reported that MWH and USACE have accepted the scope of work for Modification 7 to the MWH contract. MWH has submitted a cost proposal based on this scope of work and USACE is in the process of developing an independent government cost estimate for this work. Mr. Elliott indicated that USACE should be able to finalize the contract modification in December. Mr. Hartline stressed the importance of having certain items in this Modification authorized as soon as possible in order to keep the project on schedule. He indicated that MWH plans to remove the monitoring wells during January and he could not complete the work without the modification in place.
- Mr. Condike also indicated that the Memorandum of Understandings with BRA and Texas Tech had been extended and should be signed in the near future.

- Mr. Condiike agreed to complete his review of the “draft” MWH and TIEHH reports by December 16, 2003. He also indicated that he might attend the December 16, 2003 meeting with MWH and TIEHH at MWH offices.
- Mr. Condiike and the team then developed some additional important project deadlines as shown below.

December 5, 2003 – Rough draft report (minus conclusions)

December 16, 2003 – Draft of conclusions

January 12, 2003 – Final Draft Report

January 27, 2003 – Final Report Workshop (finalize wording of conclusions and recommendations).

1st - 2nd week of April – Schedule two public meetings and public policy forum.

TIEHH

- Dr. Anderson stated that since the last team meeting, TIEHH had primarily been working on the “draft” final report that was due for submission to Mr. Condiike on December 5, 2003. He indicated that TIEHH was on schedule with their delivery of the report. He stated that TIEHH had combined a few of the Table of Contents sections that made sense to combine and revised others where it made sense. He stated that the document will not include table or figure numbers because those will be finalized as their report is combined with the MWH report. Mr. Anderson also indicated that he planned to attend a meeting at MWH offices on December 16, 2003 to work with MWH on combining the TIEHH and MWH reports. The team will also work together to draft Sections 6, 7 and Conclusions and Recommendations.

BRA

- Mr. Headley reported that BRA had removed all the automated sample collection stations except for one. They plan to remove this final station within the next week.
- BRA also discussed the last sampling event performed by their field crew at each of the longitudinal stream sampling stations. Since the stations had all been washed away during a previous storm, this set of samples was collected manually without assistance from the automated samplers. Somehow during this event, several samples and duplicate were mixed up and were labeled incorrectly. Due to this fact, BRA recommended that this entire sample data set be deleted and not used for project reporting purposes. Mr. Hartline asked if BRA could prepare a letter documenting the problem and their recommendation to consider all these samples invalid. Mr. Headley indicated that they would prepare the letter and forward to MWH in the near future.

MWH

- Mr. Hartline indicated that MWH and BRA have completed all field work with the exception of the ADCP study planned for December, and the final intake sampling event. Both of these field studies will be completed next week.
- Mr. Hartline indicated that since the last team meeting, MWH had primarily been working on writing the “draft” final project report. MWH is also scheduled to deliver their portion of the report to Mr. Condiike on December 5, 2003. He also indicated that the MWH report would not include Table or Figure numbers during this version. These will be added to the document at a later date.
- The only new information reported by Mr. Hartline was a brief discussion regarding the results of the anoxic bench scale study performed on sediment and water column samples collected from Lake Belton. The overall results of this testing indicated that Lake Belton has the potential for the natural attenuation, or more specifically, intrinsic bioremediation of perchlorate. Based on the results of specific experiments performed, indigenous perchlorate-

reducing microorganisms are present throughout the water column and sediment of Lake Belton. A more detailed presentation of these findings will be presented in a future meeting.

Next Meeting.

The next team meeting was not scheduled. Mr. Condike will schedule it at a later date.

Adjourn